

## ABSTRACT

A digital transmitter-receiver comprises a receiving unit for receiving digital data transmitted in accordance with a first transmission protocol, a transcoder for converting the received digital data to data in accordance with a second transmission protocol, and a transmitting unit for transmitting output  
5 data from the transcoder to a terminal apparatus. The transmitting unit monitors a transmission state and informs the transcoder of a monitoring result. Based on the monitoring result, the transcoder changes data rate.

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